

Amendments to the Specification:

Please replace the paragraph beginning at page 4, line 8, with the following redlined paragraph:

Figure 1 illustrates, in the form of a block diagram, the architecture of a system operating according to ~~on~~an embodiment of the invention; and

Please replace the paragraph beginning at page 5, lines 8-15, with the following redlined table:

<u>SIGNAL</u>	<u>USED FOR:</u>
<u>TDI</u>	<u>TAP + UDI</u>
<u>TDO</u>	<u>TAP + UDI</u>
<u>TCK</u>	<u>Only for TAP</u>
<u>NTRST</u>	<u>TAP + UDI</u>
<u>TMS</u>	<u>TAP + UDI</u>
<u>DCK</u>	<u>Only for UDI</u>

Please replace the paragraph beginning at page 6, line 3, with the following redlined paragraph:

The logic signal present on the line PD1, PD2 acts, via a respective inverter 60, which also has the function of an impedance separator, so as to isolate or apply the corresponding clock on the line 50.